Philips
LCD monitor with LED backlight

V-line

19"/48.3 cm

190V4LSB

Enjoy great LED pictures in vivid colours

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with SmartControl lite, it's a great choice!

Vivid pictures every time

- LED technology for vivid colours
- SmartContrast for rich black details
- Bigger viewing area with 16:10 format
- Easy display performance tuning with SmartControl Lite

Modern design

- Attractive glossy design
- Small footprint saves space
- VESA mount allows for flexibility

Greener every day

- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- Low power consumption saves energy bills

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sense and simplicity

LCD monitor with LED backlight
V-line 19"/48.3 cm

190V4LSB/00

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19 inch/48.3 cm
- Effective viewing area: 408.24 (H) x 255.15 (V)
- Aspect ratio: 16:10
- Optimum resolution: 1440 x 900 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.2835 x 0.2835 mm
- Viewing angle: 160° (H)/160° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows XP

Stand
- Tilt: -5/20 degree

Power
- On mode: 15.08 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

Dimensions
- Product with stand (mm): 442 x 373 x 201 mm
- Product without stand (mm): 442 x 305 x 48 mm
- Packaging in mm (W x H x D): 490 x 378 x 124 mm

Weight
- Product with stand (kg): 2.98 kg
- Product without stand (kg): 2.65 kg
- Product with packaging (kg): 4.03 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20–80% %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO certified, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet
- Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)

LED
SmartControl lite
10,000,000:1 SmartContrast
5ms
Low Power
Hg Free
Compatible with Windows 7

Highlights

LED technology
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

SmartControl Lite
SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc with the mouse.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Mercury Free
Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This allows for an eco-friendly display throughout its life-cycle, from manufacturing to disposal.

Energy Star 5.0
Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

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